

ENVIRONMENTAL PROTECTION AGENCY (EPA Region 9)

California Air Resources Board

Project Title: Assist the City of Mexicali with Replacement sensors for support of the existing 50 sensor network

CARB Technical Contact: Fernando Amador
Tel: (626) 575-6635
E-mail: famador@arb.ca.gov

Administrative Contact: Jer Yang
Tel: (916) 445-1188
E-mail: Jer.Yang@arb.ca.gov

Funding Amount: FY 21: \$10,000

Completion Date: September 30, 2022

Project Description:

The City of Mexicali, with assistance from CARB, has set up a 50 low cost sensor network intended for education and awareness, as well as to build a school flag program. CARB plans to continue to support the City of Mexicali with replacement sensors to ensure the network stays complete as it has become an important tool for the community to become aware about air quality in their region and the precautions they should take to protect themselves when air quality levels are unhealthy. Funding will be used for the purchase of about 35 Purple Air sensors at a cost of approximately \$10,000.

Program Priorities:

The proposed project focuses on the following priorities:

1. **Purchase of 35 Purple Air Sensors:** CARB staff will order 35 Purple Air sensors at an approximate cost of \$10,000 when the 2021-2022 fiscal year begins in July 2021.
2. **Deliver the 35 Purple Air Sensors to the Border.** CARB staff will deliver the 35 Purple Air Sensors to the U.S. side of the border for transfer to the City of Mexicali. From there the City of Mexicali will import them into Mexico for deployment to the network as necessary.
3. **Ongoing support of the network:** CARB staff will continue to support the City of Mexicali's 50 low cost sensor network, answering any technical questions, troubleshooting of sensors, and data management.